



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Bus system T-connector - SAC-M12T/2XM12 PB DP F - 1543553


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Bus system T-connector, PROFIBUS DP, 5-position, Plug straight M12, B-coded, on Plug straight M12, B-coded and Socket straight M12, B-coded

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 098298
GTIN	4046356098298

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (Plug / socket)
	250 °C (Short-term)
Degree of protection	IP67

General

Rated voltage	30 V
Number of positions	5
Signal type/category	PROFIBUS DP
Insertion/withdrawal cycles	≥ 100

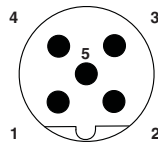
Material

Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass

Drawings

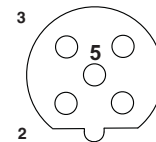
Bus system T-connector - SAC-M12T/2XM12 PB DP F - 1543553

Schematic diagram



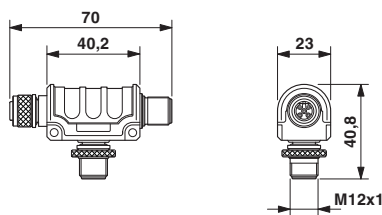
Pin assignment M12 male connector, 5-pos., B-coded, male side

Schematic diagram



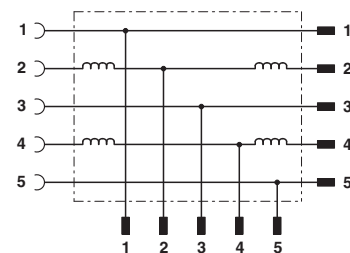
Pin assignment M12 socket, 5-pos., B-coded, female side

Dimensional drawing



M12 T distributor

Circuit diagram



Contact assignment of the M12 plug and the M12 socket